

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20020047186").PN.	US-PGPUB	OR	OFF	2004/12/08 15:24
L2	12	(US-20020070434-\$ or US-20040155321-\$).did. or (US-4707724-\$ or US-5424578-\$ or US-5540378-\$ or US-5635755-\$ or US-5882955-\$ or US-6545344-\$ or US-6706561-\$).did. or (JP-02222567-\$ or JP-59161850-\$ or JP-61049451-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/12/08 15:27
S1	20	((("5821568") or ("5822568") or ("5823568") or ("5824568") or ("5825568") or ("5826568") or ("5827568") or ("5828568") or ("5829568") or ("5820568"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 16:51
S2	1	(US-5824568-\$).did.	USPAT	OR	OFF	2004/11/30 18:27
S3	30	("3331125"   "3449641"   "3566208"   "3826244"   "4005472"   "4173664"   "4323914"   "4401053"   "4486945"   "4581291"   "4945856"   "5016084"   "5045151"   "5323533"   "5404265"   "5622898").PN. OR ("5824568").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/11/30 18:28
S4	129	roman-angel.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/30 18:30
S5	2145	438/106-127.ccls.	US-PGPUB	OR	OFF	2004/11/30 18:30
S6	86	S5 and (((plat\$4 or electroplat\$5) near3 wire)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/30 18:31
S7	9578	438/106-127.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 17:09
S8	9578	438/106-127.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 17:09
S9	2776	S8 and (((lead or metal) near3 frame) or leadframe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:05

S10	948	S9 and (Ni or nickel or Ni?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:06
S11	626	S10 and (palladium or Pd or Pd? or Ag or Ag? or silver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 18:06
S12	53963	257/666-796.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 18:05
S13	11174	S12 and (((lead or metal\$5) near3 frame) or leadframe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:05
S14	2624	S13 and (Ni or nickel or Ni?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/01 18:06
S15	1612	S14 and (palladium or Pd or Pd? or Ag or Ag? or silver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 18:06
S16	1365	S15 not S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 09:37
S17	9594	438/106-127.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 09:37
S18	2781	S17 and (((lead or metal) near3 frame) or leadframe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 09:37
S19	949	S18 and (Ni or nickel or Ni?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 09:37

S20	627	S19 and (palladium or Pd or Pd? or Ag or Ag? or silver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 09:37
S21	54022	257/666-796.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 09:37
S22	11185	S21 and (((lead or metal\$5) near3 frame) or leadframe)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 09:37
S23	2627	S22 and (Ni or nickel or Ni?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 09:37
S24	1615	S23 and (palladium or Pd or Pd? or Ag or Ag? or silver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 09:37
S25	1368	S24 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 11:56
S26	159659	"438"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 11:57
S27	1428	S26 and (halogen near3 lamp)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:57
S28	653	S27 and (cap or cover or lid)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:58
S29	290	S28 and (encapsulat\$4 or seal\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/02 11:59

S30	4	(US-20030155634-\$ or US-20030151135-\$ or US-20030146497-\$).did. or (US-6423565-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/12/02 12:09
S31	63	(US-20040155321-\$ or US-20040110319-\$ or US-20040097017-\$ or US-20030207498-\$ or US-20030137032-\$ or US-20030153129-\$ or US-20030160317-\$ or US-20030006488-\$ or US-20030011048-\$ or US-20020192874-\$ or US-20040207056-\$ or US-20040214374-\$ or US-20020153596-\$ or US-20020070434-\$ or US-20020037604-\$ or US-20010008305-\$ or US-20010014486-\$ or US-20010019854-\$ or US-20040232534-\$ or US-20040217474-\$ or US-20040207066-\$ or US-20040188810-\$ or US-20040183166-\$ or US-20040150082-\$ or US-20040140539-\$ or US-20040113241-\$).did. or (US-5914532-\$ or US-5882955-\$ or US-5817544-\$ or US-5804467-\$ or US-5753535-\$ or US-5438478-\$ or US-5378657-\$ or US-5343074-\$ or US-5147822-\$ or US-4707724-\$ or US-6773961-\$ or US-6777265-\$ or US-6706561-\$ or US-6703261-\$ or US-6646330-\$ or US-6596564-\$ or US-6585905-\$ or US-6544820-\$ or US-6548328-\$ or US-6545344-\$ or US-6489218-\$ or US-6451627-\$ or US-6395583-\$ or US-6379997-\$ or US-6380062-\$ or US-6358778-\$). did. or (US-6291271-\$ or US-6287896-\$ or US-6238952-\$ or US-6261864-\$ or US-6159775-\$ or US-6133070-\$ or US-5824568-\$ or US-6770822-\$ or US-6368899-\$ or US-5622898-\$ or US-4486945-\$). did.	US-PGPUB; USPAT	OR	OFF	2004/12/02 14:18

S32	136	(US-20030155634-\$ or US-20030151135-\$ or US-20030146497-\$ or US-20030107112-\$ or US-20030042597-\$ or US-20020053721-\$ or US-20020047186-\$ or US-20010054750-\$ or US-20040232534-\$ or US-20040217474-\$ or US-20040214374-\$ or US-20040207066-\$ or US-20040207056-\$ or US-20040188810-\$ or US-20040183166-\$ or US-20040155321-\$ or US-20040150082-\$ or US-20040140539-\$ or US-20040113241-\$ or US-20040110319-\$ or US-20040097017-\$ or US-20030207498-\$ or US-20030160317-\$ or US-20030153129-\$ or US-20030137032-\$ or US-20030011048-\$).did. or (US-20030006488-\$ or US-20020192874-\$ or US-20020153596-\$ or US-20020070434-\$ or US-20020037604-\$ or US-20010019854-\$ or US-20010014486-\$ or US-20010008305-\$).did. or (US-6423565-\$ or US-6774466-\$ or US-6747343-\$ or US-6713852-\$ or US-6700188-\$ or US-6593643-\$ or US-6586677-\$ or US-6583500-\$ or US-6545342-\$ or US-6528893-\$ or US-6518653-\$ or US-6518647-\$ or US-6476487-\$ or US-6452258-\$ or US-6414396-\$ or US-6376901-\$ or US-6245448-\$ or US-6194777-\$ or US-6180999-\$ or US-6087714-\$ or US-6034422-\$ or US-5998043-\$ or US-5994767-\$ or US-5969414-\$ or US-5889317-\$ or US-5866948-\$). did. or (US-5780931-\$ or US-5675177-\$ or US-5635755-\$ or US-5616953-\$ or US-5563442-\$ or US-5540378-\$ or US-5521432-\$ or US-5449951-\$ or US-5424578-\$ or US-5360991-\$ or US-5355019-\$ or US-5343073-\$ or US-5223739-\$ or US-5221859-\$ or US-5198964-\$ or US-5138431-\$ or US-5001546-\$ or US-4912544-\$ or US-4673967-\$ or US-4065625-\$ or US-6777265-\$ or US-6773961-\$ or US-6770822-\$ or US-6706561-\$ or US-6703261-\$ or	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/02 14:19
Search History 12/8/04 4:23 PM Page 5 C:\APPS\EAST\Workspaces\19762122.wsp						

S33	52	(US-20010054750-\$ or US-20020047186-\$ or US-20020053721-\$ or US-20020070434-\$ or US-20030011048-\$ or US-20030042597-\$ or US-20030107112-\$ or US-20030137032-\$ or US-20030146497-\$ or US-20030153129-\$ or US-20040113241-\$ or US-20040140539-\$ or US-20040155321-\$ or US-20040183166-\$ or US-20040188810-\$).did. or (US-4707724-\$ or US-5198964-\$ or US-5360991-\$ or US-5424578-\$ or US-5540378-\$ or US-5563442-\$ or US-5616953-\$ or US-5635755-\$ or US-5675177-\$ or US-5882955-\$ or US-5889317-\$ or US-5914532-\$ or US-5994767-\$ or US-6034422-\$ or US-6159775-\$ or US-6245448-\$ or US-6287896-\$ or US-6376901-\$ or US-6452258-\$ or US-6518647-\$ or US-6545342-\$ or US-6545344-\$ or US-6583500-\$ or US-6593643-\$ or US-6646330-\$ or US-6706561-\$). did. or (US-6713852-\$ or US-6747343-\$).did. or (EP-335608-\$).did. or (JP-58175852-\$ or JP-59161850-\$ or JP-60147148-\$ or JP-61049451-\$ or JP-62049646-\$ or JP-62260348-\$ or JP-02222567-\$ or JP-05055429-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/02 15:19
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S34	52	(US-20040188810-\$ or US-20040183166-\$ or US-20040140539-\$ or US-20040113241-\$ or US-20030146497-\$ or US-20030107112-\$ or US-20030042597-\$ or US-20020053721-\$ or US-20020047186-\$ or US-20010054750-\$ or US-20040155321-\$ or US-20030153129-\$ or US-20030011048-\$ or US-20030137032-\$ or US-20020070434-\$).did. or (US-6747343-\$ or US-6713852-\$ or US-6593643-\$ or US-6583500-\$ or US-6545342-\$ or US-6518647-\$ or US-6452258-\$ or US-6376901-\$ or US-6245448-\$ or US-6034422-\$ or US-5994767-\$ or US-5889317-\$ or US-5675177-\$ or US-5635755-\$ or US-5616953-\$ or US-5563442-\$ or US-5540378-\$ or US-5424578-\$ or US-5360991-\$ or US-5198964-\$ or US-6706561-\$ or US-6646330-\$ or US-6545344-\$ or US-6287896-\$ or US-6159775-\$ or US-5914532-\$). did. or (US-5882955-\$ or US-4707724-\$).did. or (EP-335608-\$).did. or (JP-05055429-\$ or JP-02222567-\$ or JP-62260348-\$ or JP-62049646-\$ or JP-61049451-\$ or JP-60147148-\$ or JP-59161850-\$ or JP-58175852-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/08 10:55
S35	1	(EP-335608-\$).did.	EPO	OR	OFF	2004/12/08 10:55
S36	2	("6376901").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:06
S37	2	("20020047186").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:10
S38	6	US-5859471-\$.DID. OR US-6352634-\$.DID. OR US-5728285-\$.DID. OR US-6332268-\$.DID. OR US-4529667-\$.DID. OR US-Re34227-\$.DID.	USPAT	OR	OFF	2004/12/08 11:15

S39	2	("20040183165").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:15
S40	15	(US-20020047186-\$ or US-20010054750-\$ or US-20020070434-\$ or US-20030153129-\$ or US-20040155321-\$).did. or (US-4707724-\$ or US-5540378-\$ or US-5882955-\$ or US-6545344-\$ or US-6706561-\$).did. or (EP-335608-\$).did. or (JP-59161850-\$ or JP-60147148-\$ or JP-02222567-\$ or JP-61049451-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/08 11:51
S41	2	("6706561").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:57
S42	13	(US-20010054750-\$ or US-20020047186-\$ or US-20020070434-\$ or US-20030153129-\$ or US-20040155321-\$).did. or (US-4707724-\$ or US-5540378-\$ or US-5882955-\$ or US-6545344-\$ or US-6706561-\$).did. or (JP-59161850-\$ or JP-61049451-\$ or JP-02222567-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/12/08 12:01
S43	4	((("5454929") or ("4529667"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:03
S44	2	("6545344").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:03
S45	10	(US-20040155321-\$ or US-20020070434-\$).did. or (US-6545344-\$ or US-6706561-\$ or US-5882955-\$ or US-5540378-\$ or US-4707724-\$).did. or (JP-02222567-\$ or JP-61049451-\$ or JP-59161850-\$).did.	US-PGPUB; USPAT; JPO	OR	OFF	2004/12/08 12:31



S46	5	S45 and (pd? or Pd or palladium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 12:31
S47	31	("3140530"   "3675310"   "3716421"   "3875652"   "4189331"   "4387006"   "4461924"   "4480262"   "4521469"   "4525422"   "4603805"   "4707724"   "4756467"   "4888449"   "4932585"   "4939316"   "5001546"   "5098796"   "5103292"   "5111277"   "5119167"   "5122858"   "5221859"   "5329158"   "5343073").PN. OR ("5540378"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 13:51
S48	108029	(leadframe or ((lead or metal\$6) near2 frame))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 13:52
S49	16652	S48 and (solder or tin or Sn or Sn?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 13:55
S50	6179	S49 and (palladium or silver or Pd or Pd? or Ag or Ag?)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 13:54
S51	29	S50 and ((solder or tin or Sn or Sn?) with (low near2 (carbon or C? or C)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/08 13:56
S52	15	(US-20020047186-\$ or US-20010054750-\$ or US-20040155321-\$ or US-20030153129-\$ or US-20020070434-\$).did. or (US-5540378-\$ or US-6706561-\$ or US-6545344-\$ or US-5882955-\$ or US-4707724-\$).did. or (EP-335608-\$).did. or (JP-02222567-\$ or JP-61049451-\$ or JP-60147148-\$ or JP-59161850-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/08 14:11

S53	5	S52 not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 14:11
S54	52	(US-20040188810-\$ or US-20040183166-\$ or US-20040140539-\$ or US-20040113241-\$ or US-20030146497-\$ or US-20030107112-\$ or US-20030042597-\$ or US-20020053721-\$ or US-20020047186-\$ or US-20010054750-\$ or US-20040155321-\$ or US-20030153129-\$ or US-20030011048-\$ or US-20030137032-\$ or US-20020070434-\$).did. or (US-6747343-\$ or US-6713852-\$ or US-6593643-\$ or US-6583500-\$ or US-6545342-\$ or US-6518647-\$ or US-6452258-\$ or US-6376901-\$ or US-6245448-\$ or US-6034422-\$ or US-5994767-\$ or US-5889317-\$ or US-5675177-\$ or US-5635755-\$ or US-5616953-\$ or US-5563442-\$ or US-5540378-\$ or US-5424578-\$ or US-5360991-\$ or US-5198964-\$ or US-6706561-\$ or US-6646330-\$ or US-6545344-\$ or US-6287896-\$ or US-6159775-\$ or US-5914532-\$). did. or (US-5882955-\$ or US-4707724-\$).did. or (EP-335608-\$).did. or (JP-05055429-\$ or JP-02222567-\$ or JP-62260348-\$ or JP-62049646-\$ or JP-61049451-\$ or JP-60147148-\$ or JP-59161850-\$ or JP-58175852-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/12/08 14:12
S55	37	S54 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 14:12